METHOD AND APPARATUS FOR GENERATING AND DISPLAYING N-BEST ALTERNATIVES IN A SPEECH RECOGNITION SYSTEM

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a method and apparatus for generating alternatives to words indicative of recognized speech. A reference path of recognized words is generated, based upon input speech data. An operator selection input is received and is indicative of a selected portion of the recognized speech, for which alternatives are to be generated. Boundary conditions for alternatives to be generated are calculated based upon bounds of a reference subpath corresponding to the selected portion of the recognized speech. Alternate subpaths satisfying the boundary conditions are constructed from a hypothesis store which corresponds to the input speech data.

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